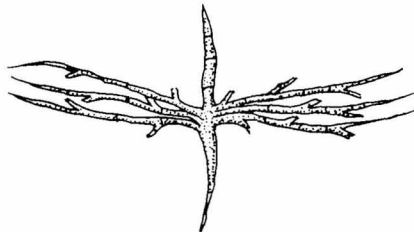


## Groundnut (*Arachis hypogaea*)

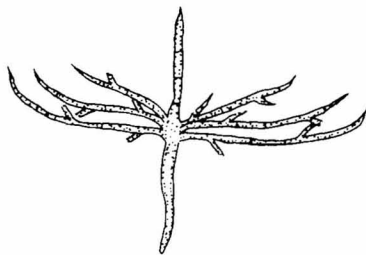
<b>1</b>	<b>Early plant vigour</b> To be recorded after 25 days of sowing.	<b>PLT_VGR</b>	
	Poor		1
	Good		2
	Very good		3
<b>2</b>	<b>Life form</b>		
	Annual		1
	Perennial		2
	Unknown		3
<b>3</b>	<b>Growth habit</b>		
	Recorded at podding stage for plants at 10-15 cm interplant spacing. (See Fig. 1)		
	Procumbent-1		1
	Procumbent-2		2
	Decumbent-1		3
	Decumbent-2		4
	Decumbent-3		5
	Erect		6
	Other (specify in the descriptor REMARKS)		7



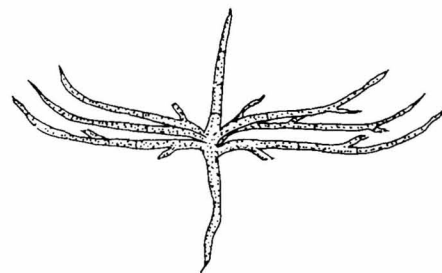
1 Procumbent-1



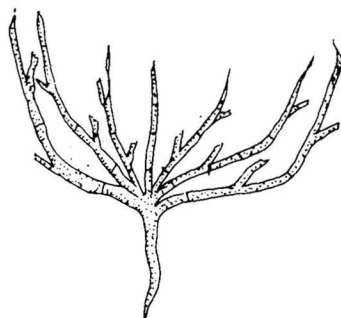
2 Procumbent-2



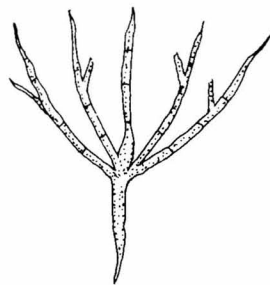
3 Decumbent-1



4 Decumbent-2



5 Decumbent-3



6 Erect

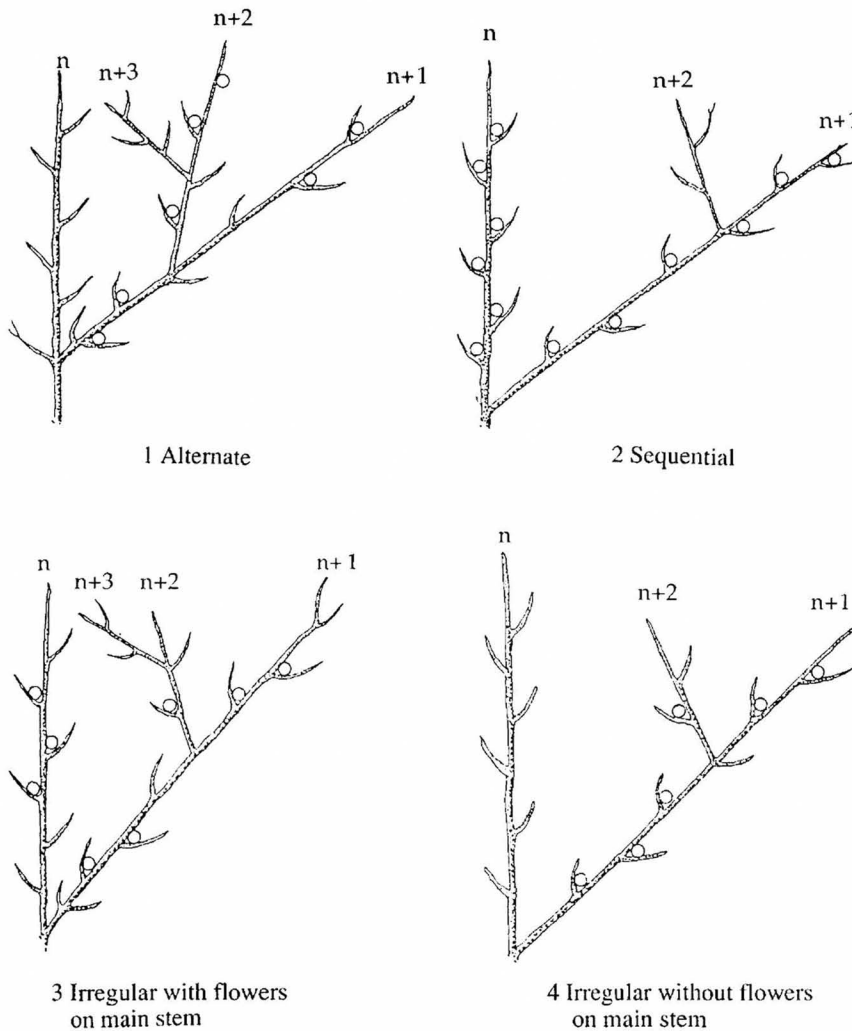
**4 Number of branches**

Primary (n+ 1)	1
Secondary (n + 2)	2
Tertiary	3

**5 Branching pattern**

**BRN\_PAT**

Determined on the (n+1) cotyledonary lateral branches.



**6 Height of main stem [cm]**

Measured from cotyledonary axil up to terminal bud, mean of 10 plants, recorded 60-85 days after emergence

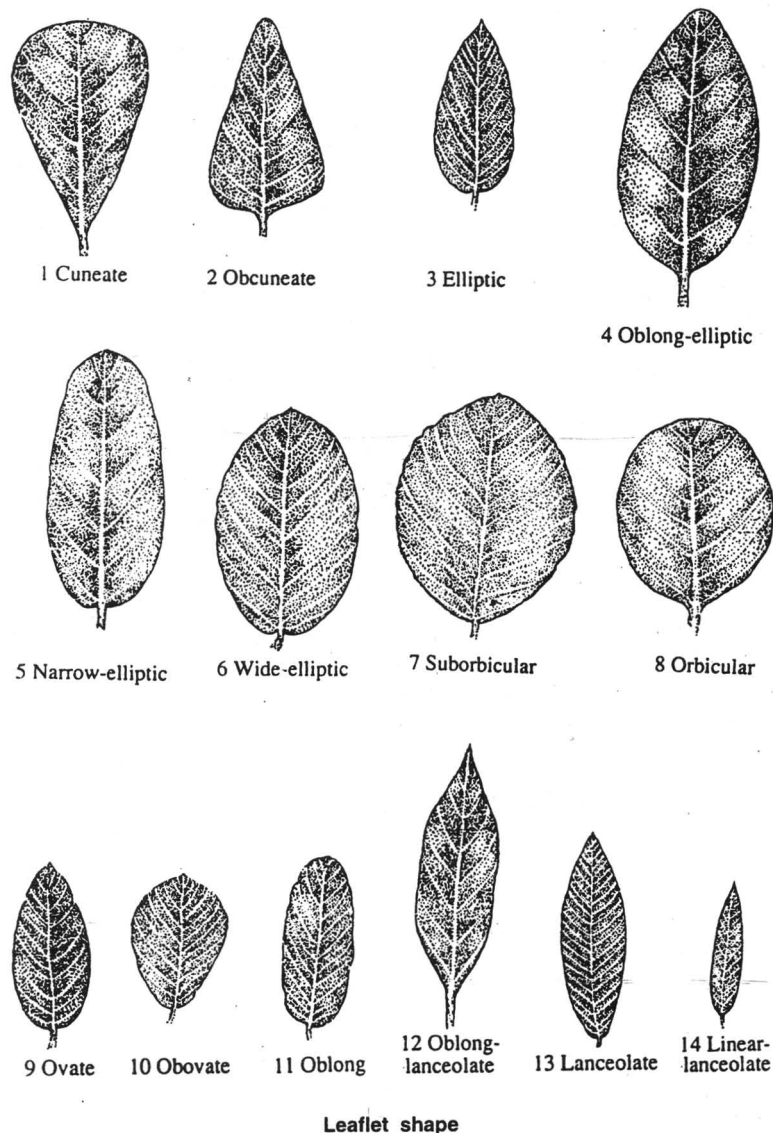
**7 Plant width or spread [cm]**

Measured at the widest point, from branch tip to tip, mean of 10 plants, recorded 45-60 days after emergence

**8 Stem pigmentation**

Recorded on mature plants	Absent	0
	Present	+

- 9 **Stem surface** **STEM\_SUR**  
To be recorded on overall axis at full foliage stage.
- |  |    |
|--|----|
| Glabrous                                     | 1  |
| Sub glabrous                                 | 3  |
| Moderately hairy                             | 5  |
| Very hairy                                   | 7  |
| Woolly (very long hairs)                     | 9  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 10 **Days to 50% flowering** **DAY\_FLW**  
To be recorded from the date of sowing to the day when 50% plants flowered in a row.
- Quantitative
- 11 **Inflorescence type** **INFL\_TYP**  
To be recorded at full blossom stage.
- |  |    |
|--|----|
| Simple                                       | 1  |
| Compound                                     | 2  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 12 **Leaf colour** **LF\_CLR**  
To be recorded on colour of fully expanded leaf, at full foliage stage.
- |  |    |
|--|----|
| Yellow / yellowish green                     | 1  |
| Light green                                  | 2  |
| Green  | 3  |
| Dark green                                   | 4  |
| Bluish green                                 | 5  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 13 **Leaflet margin** **LF\_MARGN**  
To be recorded on fully expanded leaf, at full foliage stage.
- |  |    |
|--|----|
| Entire                                       | 1  |
| Hairy  | 2  |
| Wavy   | 3  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 14 **Leaflet shape** **LFLT\_SHP**  
To be recorded as colour of fully expanded leaflet on the main stem, and apical leaflet at full foliage stage.
- |  |    |
|--|----|
| Cuneate                                      | 1  |
| Obcuneate                                    | 2  |
| Elliptic                                     | 3  |
| Oblong elliptic                              | 4  |
| Narrow elliptic                              | 5  |
| Wide elliptic                                | 6  |
| Sub orbicular                                | 7  |
| Orbicular                                    | 8  |
| Ovate  | 9  |
| Obovate                                      | 10 |
| Oblong                                       | 11 |
| Oblong lanceolate                            | 12 |
| Lanceolate                                   | 13 |
| Linear lanceolate                            | 14 |
| Others (Specify in the "REMARKS" descriptor) | 99 |



- 15 Leaflet tip** **LFLT\_TIP**  
 To be recorded as colour of fully expanded leaflet on the main stem, and apical leaflet at full foliage stage.
- |  |    |
|--|----|
| Obtuse                                       | 1  |
| Acute  | 2  |
| Macronate                                    | 3  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 16 Petal colour** **PETL\_CLR**  
 To be recorded as colour of front face of the standard petal of fresh and fully opened flowered
- |  |    |
|--|----|
| White  | 1  |
| Lemon yellow                                 | 2  |
| Yellow                                       | 3  |
| Orange yellow                                | 4  |
| Orange                                       | 5  |
| Dark orange                                  | 6  |
| Garnet/ brick red                            | 7  |
| Others (Specify in the "REMARKS" descriptor) | 99 |
- 17 Plant height (cm)** **PLT\_HGT**  
 To be measured from base of the plant (at ground level) to the tip of the main shoot (average of 5 random plants), at near maturity stage.

Quantitative

18 Peg pigmentation

Absent	0
Present	+

19 Pod length (mm)

POD\_LT

To be recorded at the time of near maturity.

Quantitative

20 Pod width (mm)

POD\_WD

To be recorded at the time of near maturity at the widest point (average of 5 matured pods).

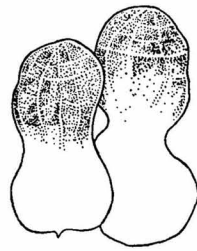
Quantitative

21 Pod beak

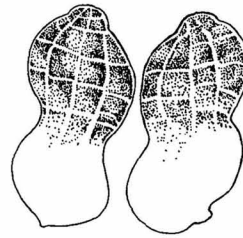
POD\_BEAK

To be recorded at near maturity.

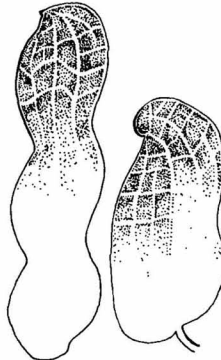
Absent	0
Slight	3
Moderate	5
Prominent	7
Very prominent	9
Others (Specify in the "REMARKS" descriptor)	99



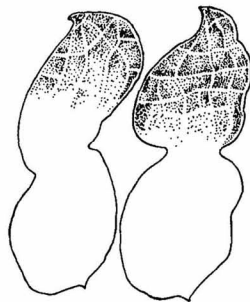
0 Absent



3 Slight



5 Moderate



7 Prominent

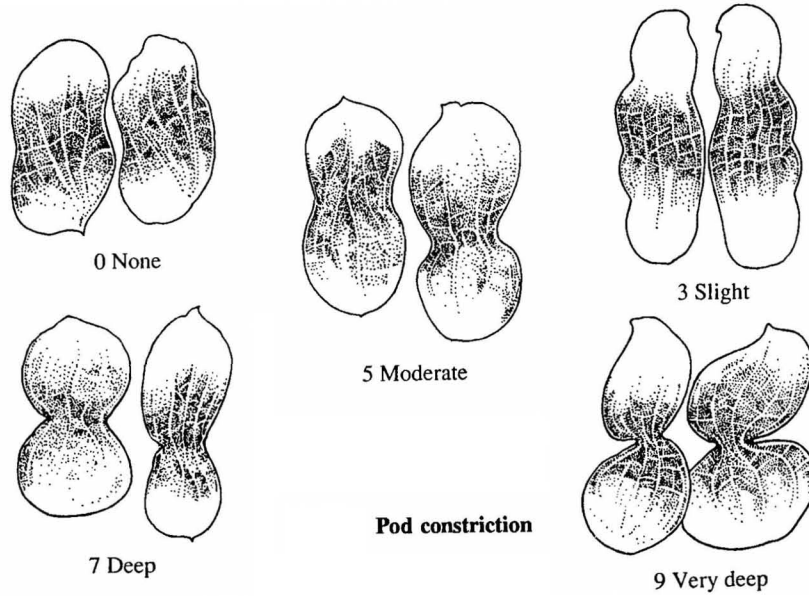


9 Very prominent

Pod beak

**22 Pod Constriction**

None	0
Slight	3
Moderate	5
Deep	7
Very deep	9

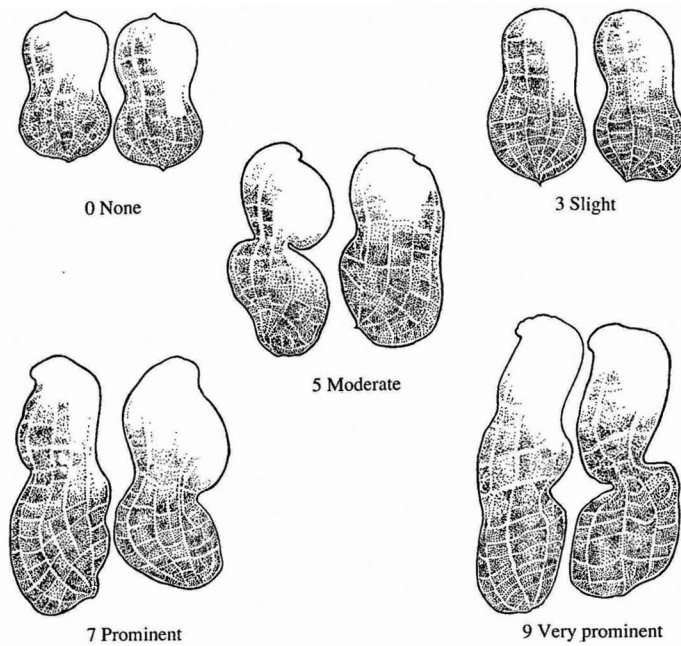


**23 Pod reticulation**

To be recorded at near maturity.

**POD\_ORI**

None	0
Slight	3
Moderate	5
Prominent	7
Very prominent	9
Others (Specify in the "REMARKS" descriptor)	99



**Fig. 6. Pod reticulation**

**24 Days to maturity**  
From emergence

<90	1
91-100	2
101-110	3
111-120	4
121-130	5
131-140	6
141-150	7
151-160	8
>160	9

**25 Primary seed colour** **SED\_CLRP**  
Primary or major colour of dried and matured seeds to be recorded within one month of harvest.

White	1
Off white	2
Yellow	3
Very pale tan	4
Pale tan	5
Light tan	6
Tan	7
Dark tan	8
grayish orange	9
Rose	10
Salmon	11
Light red	12
Red	13
Dark red	14
Purplish red	15
Light purple	17
Purple	17
Dark purple	18
Very dark purple	19
Others (Specify in the "REMARKS" descriptor)	99

**26 Secondary seed colour** **SED\_CLRS**  
To be recorded as secondary or minor colour of variegated seed within one month of harvest.

Blotched	1
Flecks of colour	2
Striped	3
Tipped at the embryo end	4
Obscure or hazy	5
Others (Specify in the "REMARKS" descriptor)	99

**27 Number of seeds per pod** **SED\_POD**  
To be recorded at near maturity (average of 5 random plants)

Quantitative

**28 Shelling percentage (%)** **SHELL%**  
To be calculated as (weight of matured seeds at 7-9% moisture, divided by total weight of pod sample)x100.

Quantitative

- 29 Pod yield per plant (g)** **POD\_YLD**  
Average yield of 10 random plants, at near maturity stage.  
Quantitative
- 30 Haulm yield per plant (g)** **HAUL\_YLD**  
Average haulm yield of 10 random plants, at near maturity stage.  
Quantitative
- 31 100 seed weight (g)** **SED\_WGT**  
To be measured as weight of hundred random seeds in grams  
(average of 5 random plants)  
Quantitative
- 32 Dry foliage yield per plant (g)** **FLG\_YLD**  
Average of dry foliage yield of 10 random plants, at near maturity  
stage.  
Quantitative
- 33 Remarks**